

| <b>Mitochondrial ATP</b> |  |  |
|--------------------------|--|--|
| <b>wild-type</b>         | <b>untreated<br/><i>Lmna</i><sup>G609G/+</sup></b> | <b>treated<br/><i>Lmna</i><sup>G609G/+</sup></b> |
| <b>1,1957</b>            | <b>0,6108</b>                                      | <b>0,6650</b>                                    |
| <b>0,9500</b>            | <b>0,5621</b>                                      | <b>0,9140</b>                                    |
| <b>0,8077</b>            | <b>0,4972</b>                                      | <b>0,8610</b>                                    |
| <b>1,0465</b>            | <b>0,4205</b>                                      | <b>0,8045</b>                                    |
| <b>1,0747</b>            | <b>0,5683</b>                                      | <b>0,5056</b>                                    |
| <b>0,9643</b>            | <b>0,7102</b>                                      | <b>0,7581</b>                                    |
| <b>0,9349</b>            | <b>0,4154</b>                                      | <b>0,7926</b>                                    |
| <b>1,0262</b>            | <b>0,5353</b>                                      | <b>0,7309</b>                                    |
| <b>1,1912</b>            | <b>1,0582</b>                                      | <b>0,8677</b>                                    |
| <b>0,9548</b>            | <b>0,4863</b>                                      | <b>0,8839</b>                                    |
| <b>0,8532</b>            | <b>0,5644</b>                                      | <b>0,8582</b>                                    |
| <b>1,0009</b>            | <b>0,8970</b>                                      | <b>0,9458</b>                                    |

VSMCs

| <b>Mitochondrial MP</b> |  |  |
|-------------------------|--|--|
| <b>wild-type</b>        | <b>untreated<br/><i>Lmna</i><sup>G609G/+</sup></b> | <b>treated<br/><i>Lmna</i><sup>G609G/+</sup></b> |
| <b>0,9611</b>           | <b>0,6018</b>                                      | <b>0,8662</b>                                    |
| <b>1,1199</b>           | <b>0,5895</b>                                      | <b>0,6787</b>                                    |
| <b>0,9188</b>           | <b>0,4636</b>                                      | <b>1,0666</b>                                    |
| <b>1,0002</b>           | <b>0,5664</b>                                      | <b>0,6414</b>                                    |
| <b>1,0324</b>           | <b>0,7052</b>                                      | <b>1,0906</b>                                    |
| <b>0,9728</b>           | <b>0,8359</b>                                      | <b>0,8116</b>                                    |
| <b>0,9017</b>           | <b>0,7607</b>                                      | <b>0,6740</b>                                    |
| <b>1,0931</b>           | <b>0,6431</b>                                      | <b>0,4463</b>                                    |
| <b>0,9057</b>           | <b>0,4793</b>                                      | <b>1,0260</b>                                    |
| <b>1,0586</b>           | <b>0,9119</b>                                      | <b>1,0816</b>                                    |
| <b>1,0773</b>           | <b>0,4923</b>                                      | <b>0,7511</b>                                    |
| <b>0,9584</b>           | <b>0,5615</b>                                      | <b>0,8791</b>                                    |

VSMCs